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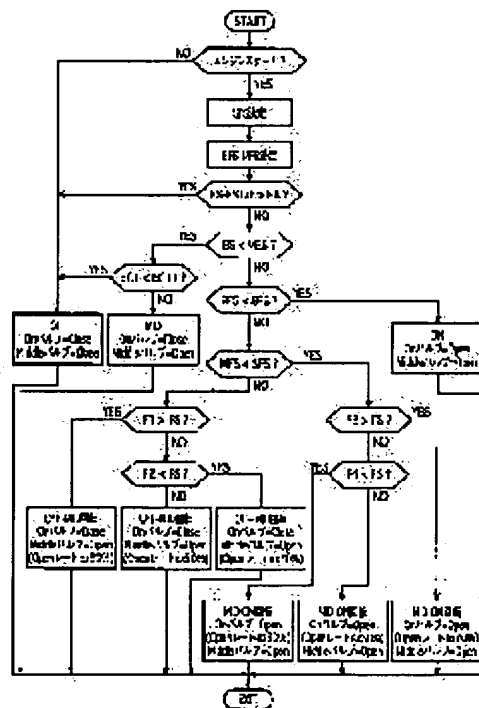
(54) CONTROL METHOD FOR EXTERNAL CONTROL TYPE FAN DRIVE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a control method for an external control type fan drive device which enhances engine performance and a fuel economy by controlling the temperature of radiator cooling liquid in a range within which an engine efficiency is kept high, also enhances the cooling efficiency of an air conditioner, keeps good fan rotation, prevents drag in acceleration, and reduces fan noise.

SOLUTION: In the external control type fan drive having double valve structure in which a plurality of oil supply adjusting holes are installed, an on-off valve of the oil supply adjusting holes is controlled On/Off by using engine cooling liquid temperature, acceleration of an engine, an air conditioner, a speed of a vehicle and others as a parameter, the rotation of a fan is changed in three steps, in five steps, or continuously, and fan noise in fan rotation change is suppressed.

When engine rotation is accelerated to a specified value or more, the fan drive is compulsorily made Off, fan noise caused by drag is prevented, and when the engine rotation is in a specified value or less, the fan drive is made Off or Middle, the fan noise caused by the drag of the engine in acceleration, and the fan noise caused by the drag in engine start are prevented.



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